



Summer-2013 Examination

63111

First BPTH 2012

Human Anatomy - I

Total Duration: Section A + B + C = 3 Hours

Section B and C Marks: 60

Section-B and Section-C

- Instruction
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All** questions are **compulsory**.
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.

Section-B

30 Marks  
(5x3=15)

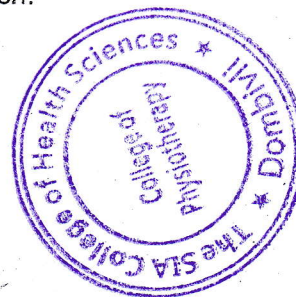
2. Answer the following (any five out of six) :

- a) Stomach bed.
- b) Broad ligament of uterus.
- c) Histology of cardiac muscle.
- d) Contents of middle ear cavity.
- e) Classify cartilagenous joints with one example each.
- f) Branches of Axillary artery.

3. Answer the following (any three out of four) :

(3x5=15)

- a) Bronchopulmonary segments of right lung.
- b) Brachialis muscle.
- c) Boundaries and contents of Femoral triangle.
- d) Carotid sheath.



Section-C

30 Marks

4. Describe shoulder joint under the following heads: ✓

(1x15=15)

- a) Type of joint and ligaments, b) Movements of joint and muscles acting, c) Relations, d) Applied anatomy (5+5+3+2)

5. Long answer question:

(1x15=15)

- a) Describe the Internal capsule of cerebrum under following heads:
  - a) Parts and relations, b) Fibers present in different parts, c) Blood supply, d) Applied anatomy (5+5+3+2)

OR

b) Describe the Facial nerve under the following heads:

- a) Nuclei, b) Course, c) Branches, d) Applied anatomy (2+5+5+3)

First B.P.Th. (2012) Examination, Summer 2014  
HUMAN ANATOMY – I

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

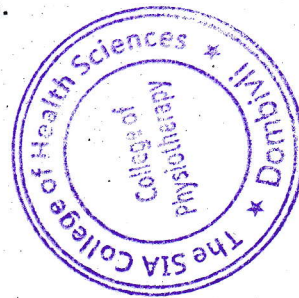
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  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) **Use a common answer book for all Sections.**

SECTION – B

(30 Marks)

(5x3=15)

2. Answer the following (any five out of six) :
  - a) Arterial supply of stomach.
  - b) Draw and label Anterior relations of left kidney.
  - c) Enumerate the constituents of the spermatic cord.
  - d) Mention openings in the diaphragm.
  - e) Give sensory nerve supply of Tongue.
  - f) Boundaries of Middle ear cavity.
3. Answer the following (any three out of four) :
  - a) Typical Intercostal space.
  - b) Give boundaries and contents of Axilla.
  - c) Structures under cover of gluteus maximus.
  - d) Sternocleidomastoid.



(3x5=15)

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SECTION - C



4. Describe wrist joint under following heads.

(30 Marks)

i) Type and articular surfaces

(1x15=15)

ii) Ligaments

(3marks)

iii) Relations

(4 marks)

iv) Movements and muscles producing.

(4 marks)

5. a) Describe Hypoglossal nerve under following heads.

(4 marks)

i) Functional components and Nuclei

(1x15=15)

ii) Course and relations

(3 Marks)

iii) Branches and distribution

(5 marks)

iv) Clinical anatomy.

(4 marks)

OR

(3 marks)

5. b) Describe cerebellum under following heads.

i) External features

(1x15=15)

ii) Parts

(3 marks)

iii) Connections and Nuclei

(3 marks)

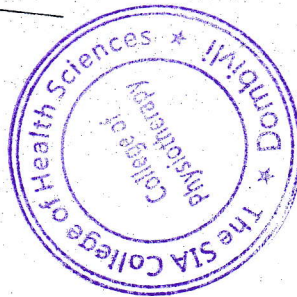
iv) Functions

(3 marks)

v) Clinical anatomy.

(3 marks)

(3 marks)



First B.P.Th. (2012) Examination, Summer 2015  
HUMAN ANATOMY – I

Duration : Section A + B = 3 Hours

Total Marks : 80

SECTION – A & SECTION – B

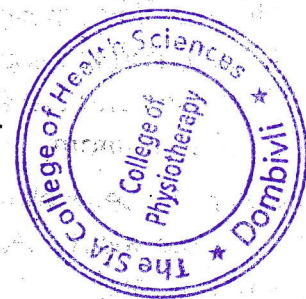
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  - 7) **Use** a common answer book for **all** Section.

SECTION – A **SAQ** (50 Marks)

1. Short answer question (any five out of six) :

- a) Enumerate the openings in the left atrium of the heart.
- b) Enumerate the structures at the porta hepatis of liver.
- c) Name the salivary glands and specify their locations.
- d) Name the structures related to the mediastinal surface of right lung.
- e) Specify the posterior relations of the left kidney.
- f) Name the parts of the uterus with the help of a diagram.

(5×3=15)



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2. Short answer question (**any five** out of six) :

(5×7=35)

- a) Describe the quadriceps femoris.
- b) Enumerate the movements of the first carpometacarpal joint specify the muscles producing the movement.
- c) Describe the axillary nerve.
- d) Enumerate the muscles of mastication and specify their nerve supply.
- e) Describe the oculomotor nerve.
- f) Describe the brachioradialis muscle.

**SECTION – B LAQ (30 Marks)**

3. Long answer question (**any one** out of two) :

(1×15=15)

a) Describe the hip joint under the following heads :

- (i) Ligaments
- (ii) Relations with the help of a diagram
- (iii) Movements and muscles producing them

(2 marks)

(4 marks)

(9 marks)

b) Describe the radial nerve under the following heads :

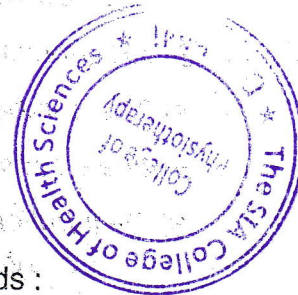
- (i) Formation and root value
- (ii) Course and relations
- (iii) Branches and distribution
- (iv) Applied anatomy

(2 marks)

(3 marks)

(8 marks)

(2 marks)



4. Long answer question (**any one** out of two) :

(1×15=15)

a) Describe the hypoglossal nerve under the following heads :

- (i) Nucleus and functional component
- (ii) Course and relations
- (iii) Branches and distribution
- (iv) Applied anatomy

(2 marks)

(5 marks)

(7 marks)

(1 mark)

b) Describe the cerebellum under the following heads :

- (i) Subdivisions, lobes and fissures
- (ii) Connections
- (iii) Functions
- (iv) Applied anatomy

(3 marks)

(6 marks)

(3 marks)

(3 marks)



**First B.P.Th. (2012) Examination, Summer 2016  
HUMAN ANATOMY**

Total Duration : Section A + B = 3 Hours

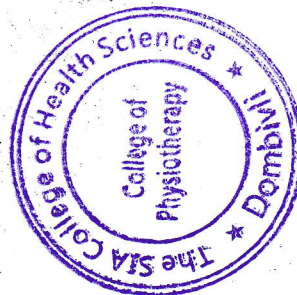
Total Marks : 80

**SECTION – A & SECTION – B**

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  - 7) Use a common answer book for **all Sections**.

**SECTION – A SAQ (50 Marks)**

1. Short answer question (**any five** out of six) : (5×3=15)
  - a) Enumerate the functions of skin.
  - b) Enumerate the supports of the uterus.
  - c) Enumerate the branches of external carotid artery.
  - d) Give differences between small intestine and large intestine.
  - e) Enumerate the extraocular muscles and mention their nerve supply.
  - f) Histology of the cardiac muscle.
  
2. Short answer question (**any five** out of six) : (5×7=35)
  - a) Boundaries and contents of axilla.
  - b) Sternocleidomastoid muscle
  - c) Bronchopulmonary segments of right lung.
  - d) Femoral nerve.
  - e) Boundaries and contents of superior mediastinum.
  - f) Lateral longitudinal arch of foot.





## SECTION – B LAQ (30 Marks)

3. Long answer question (any one out of two) :

(1×15=15)

a) Describe the hip joint under the following headings :

i) Type and articular surfaces

ii) Ligaments

iii) Relations

iv) Movements and muscles producing movements

v) Applied anatomy.

b) Describe the wrist joint under the following headings :

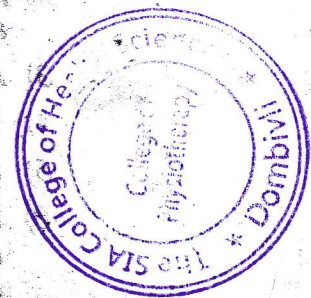
i) Type and articular surfaces

ii) Ligaments

iii) Relations

iv) Movements and muscles producing movements

v) Applied anatomy.



4. Long answer question (any one out of two) :

(1×15=15)

a) Describe the internal capsule of cerebrum under the following headings :

i) Parts and relations

ii) Fibers present in different parts

iii) Blood supply

iv) Applied anatomy.

b) Describe the facial nerve under the following headings :

i) Nuclci

ii) Course and relations

iii) Branches and distribution

iv) Applied anatomy.



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First B.P.Th. (2012) Examination, Summer 2017  
HUMAN ANATOMY

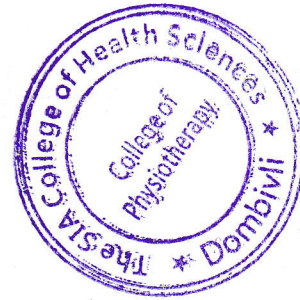
Total Duration : Section A+ B = 3 Hours

Total Marks : 80

SECTION – A & SECTION – B

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  - 7) Use a common answerbook for **all Sections**.

SECTION – A  
(SAQ)



(50 Marks)

(5x3=15)

1. Short answer question (**any five** out of six) :
  - a) Name the structures forming stomach bed.
  - b) Enumerate the constituents of spermatic cord.
  - c) Enumerate the structures in the hilum of kidney.
  - d) Specify the nerve supply of the extraocular muscles of the eyeball.
  - e) Name the arteries supplying a long bone.
  - f) Enumerate the branches of arch of aorta.
  
2. Short answer question (**any five** out of six) :
  - a) Specify the attachments, nerve supply and actions of hamstring muscles.
  - b) Explain the anatomical basis of deformity produced in Erb's paralysis.
  - c) Specify the commencement, course and termination of left coronary artery.
  - d) Specify the attachments, nerve supply and actions of sternocleidomastoid.
  - e) Describe the curvatures of vertebral column.
  - f) Specify the nerve supply and actions of interossei of hand.

(5x7=35)

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SECTION – B  
(LAQ)

(30 Marks)

3. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the medial longitudinal arch of foot under the following headings :
- i) Formation
  - ii) Factors responsible for maintenance
  - iii) Functions
  - iv) Clinical aspects.
- b) Describe the median nerve under the following headings :
- i) Formation
  - ii) Course
  - iii) Distribution and branches
  - iv) Applied aspects.
4. Long answer question (**any one** out of two) : (1×15=15)
- a) Describe the internal capsule under the following headings :
- i) Parts
  - ii) Tracts passing through
  - iii) Blood supply
  - iv) Applied aspects.
- b) Describe the fourth ventricle of the brain. Add a note on CSF circulation.



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First B.P.Th. (2012) Examination, Summer 2018  
HUMAN ANATOMY

Total Duration : Section A + B = 3 Hours

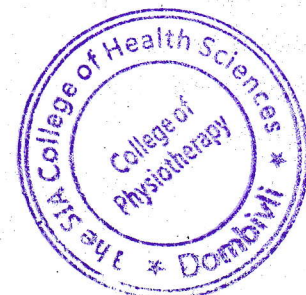
Total Marks : 80

## SECTION – A &amp; SECTION – B

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  - 7) Use a common answerbook for **all** sections.

SECTION – A (50 Marks)  
(SAQ)

1. Short answer question (any five out of six) : (5×3=15)
- a) Abduction at Shoulder joint.
  - b) Pectoralis major.
  - c) Mention Boundaries and contents of Popliteal Fossa.
  - d) Right coronary artery.
  - e) Axillary Nerve.
  - f) Fibrocartilage.



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2. Short answer question (any five out of six) :

(5×7=35)

- a) Adductor canal.
- b) Supination and Pronation movements.
- c) Floor of Fourth Ventricle.
- d) Describe Typical intercostal space.
- e) Medial longitudinal arch.
- f) Femoral Nerve – formation, course, branches and applied anatomy.

**SECTION – B (30 Marks)**  
**(LAQ)**

3. Long answer question (any one out of two) :

(1×15=15)

a) Describe Mammary gland in Female under following heads

- i) Situation
- ii) Relation
- iii) Blood supply
- iv) Lymphatic drainage
- v) Applied

b) Describe the Knee joint in detail. Add a note on locking and unlocking of Knee joint.

4. Long answer question (any one out of two) :

(1×15=15)

a) Describe the Hypoglossal nerve under following heads :

- i) Nuclei and Functional components
- ii) Course and Branches
- iii) Applied anatomy

b) Describe Cerebellum under following heads :

- i) Surfaces and lobes
- ii) Vermis
- iii) Blood supply
- iv) Functions
- v) Applied





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**First B.P.Th. (2012) Examination, Winter 2016  
HUMAN ANATOMY**

Total Duration : 3 Hours

Total Marks : 80

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**SECTION "A" SAQ (50 Marks)**

1. Short answer question (any five out of six) : (5×3=15)
  - a) Enumerate the branches of arch of aorta.
  - b) Specify the coverings of testis.
  - c) Enumerate the extraocular muscles supplied by oculomotor nerve.
  - d) Name the muscles of mastication. Specify their nerve supply.
  - e) Enumerate the arteries supplying stomach.
  - f) Draw and label a diagram depicting the histology of skeletal muscle.
  
2. Short answer question (any five out of six) : (5×7=35)
  - a) Specify the boundaries and contents of axilla.
  - b) Specify the commencement, course, branches and distribution of sciatic nerve.
  - c) Specify the attachments, nerve supply and actions of sternocleidomastoid muscle.
  - d) Describe the right atrium.
  - e) Specify the boundaries and contents of femoral triangle.
  - f) Specify the attachments, nerve supply and actions of hamstring muscles.

P.T.O.



## SECTION "B" LAQ (30 Marks)

3. Long answer question (any one out of two) : (1×15=15)
- a) Describe knee joint under the following headings.
- i) Type of joint and articular surfaces. 4
  - ii) Ligaments. 4
  - iii) Movements and muscles producing them. 5
  - iv) Applied anatomy. 2
- b) Describe shoulder joint under the following headings.
- i) Type of joint and articular surfaces. 2
  - ii) Ligaments. 3
  - iii) Relations. 3
  - iv) Movements and muscles producing them. 5
  - v) Applied anatomy. 2
4. Long answer question (any one out of two) : (1×15=15)
- a) Describe the cerebellum under the following headings.
- i) Lobes, fissures, surfaces. 5
  - ii) Functional classification. 3
  - iii) Cerebellar peduncles. 4
  - iv) Applied anatomy. 3
- b) Describe the hypoglossal nerve under the following headings.
- i) Nucleus and functional components. 2
  - ii) Intracranial course. 3
  - iii) Extra cranial course. 3
  - iv) Branches and distribution. 5
  - v) Applied anatomy. 2

